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NOTICE OF ALLOWANCE AND FEE(S) DUE

20987

7590

05/01/2007

VOLENTINE FRANCOS, & WHITT PLLC ONE FREEDOM SQUARE 11951 FREEDOM DRIVE SUITE 1260 RESTON, VA 20190

EXAMINER						
· FLOUR	NOY, HORACE L					
ART UNIT	PAPER NUMBER					
2189						

DATE MAILED: 05/01/2007

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/786.471	02/26/2004	Youn-Cheul Kim	SEC 1083	9314

TITLE OF INVENTION: INPUT/OUTPUT DATA PIPELINE CIRCUIT OF SEMICONDUCTOR MEMORY DEVICE AND THE SEMICONDUCTOR MEMORY DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$0	\$1700	08/01/2007

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

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Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correcte maintenance fee notifical	ed below or directed oth	ng the Patent, advance of nerwise in Block 1, by (a	rders and notification of rail specifying a new corres	naintenance fees wi pondence address;	ll be r and/or	nailed to the current (b) indicating a sepa	correspondence address as rate "FEE ADDRESS" for
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RESTON, VA 2	0190					· · · · · · · · · · · · · · · · · · ·	(Depositor's name)
							(Signature)
							(Date)
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10/786,471 TITLE OF INVENTION MEMORY DEVICE	02/26/2004 I: INPUT/OUTPUT DA	TA PIPELINE CIRCUI	Youn-Cheul Kim OF SEMICONDUCTOR	R MEMORY DEVI	CE Al	SEC.1083 ND THE SEMICONE	9314 DUCTOR
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nonprovisional ·	NO	\$1400	\$300	\$ 0		\$1700	08/01/2007
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
FLOURNOY,	HORACE L	2189	711-169000				
"Fee Address" indi	ondence addréss (or Cha 3/122) attached. ication (or "Fee Address' 2 or more recent) attach	" Indication form	(1) the names of up to or agents OR, alternativ (2) the name of a single registered attorney or a 2 registered patent attor listed, no name will be	rely, e firm (having as a regent) and the names meys or agents. If no	nembe	era 2	
	ess an assignee is ident h in 37 CFR 3.11. Comp		(B) RESIDENCE: (CITY	ntent. If an assigned assignment. and STATE OR CO	UNTI	RY)	cument has been filed for
Please check the appropri	ate assignee category or	categories (will not be pr	inted on the patent):	Individual Cor	poratio	on or other private gro	up entity Government
	o small entity discount p	ermitted)	D. Payment of Fee(s): (Plea A check is enclosed. Payment by credit care The Director is hereby overpayment, to Depo	d. Form PTO-2038	is attac	thed.	,
5. Change in Entity Stat			D				
NOTE: The Issue Fee and	s SMALL ENTITY statu I Publication Fee (if requested of the United Sta		b. Applicant is no long				
interest as snown by the i	ecords of the Officed Sta	tes ratent and Trademark	Office.				
Authorized Signature		 		Date			
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This collection of informan application. Confident submitting the completed this form and/or suggesting 1450, Alexandria, VAlexandria, Virginia 223	ation is required by 37 C iality is governed by 35 application form to the one for reducing this but inginia 22313-1450. DC 13-1450.	FR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to the NOT SEND FEES OR (on is required to obtain or r 1.14. This collection is est depending upon the indiv c Chief Information Office COMPLETED FORMS TO	etain a benefit by the imated to take 12 m idual case. Any com r, U.S. Patent and T D THIS ADDRESS.	e publi inutes iments radema SEND	c which is to file (and to complete, including on the amount of tim ark Office, U.S. Depa to: Commissioner fo	by the USPTO to process) gathering, preparing, and the you require to complete riment of Commerce, P.O. or Patents, P.O. Box 1450,

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			2189 DATE MAILED: 05/01/200	7		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 306 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 306 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.